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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A formwork system for fabricating a composite floor or roof from a construction material having both unhardened and hardened states, said system comprising:
 - a) a form panel unit comprising:
 - i. a panel member made from a foam plastic and adapted for use as part of a form to retain said construction material when in an unhardened state, said panel member having generally opposed upper and lower surfaces;
 - ii. at least one reinforcement ~~unit~~ member for reinforcing said panel member intermediate a span of said panel member and said and interconnected to said panel member;

said panel member and said at least one reinforcement unit being capable of supporting said construction material above said panel member when in an unhardened state;
 - b) at least one ~~space~~ structural supporting member oriented generally longitudinally and adapted for assisting in supporting said form panel unit when fabricating said floor or roof with said construction material in said unhardened state;

said form panel unit being configured such that said panel member can be supported at least partially by said at least one spaced structural supporting member, such that said

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unhardened construction material can be retained above upper surface of said panel member to permit hardening of said construction material from said unhardened state to said hardened state, said reinforcement unit oriented generally transversely to said at least one structural supporting member and having a portion being mounted on said at least one structural supporting member such that said panel member is at least in part supported by said at least one structural supporting member, and wherein said at least one structural supporting member has a portion located above said upper surface of said panel member so said portion can be embedded in said construction material.

2. (Previously Presented) A system as claimed in claim 1 wherein said reinforcement unit comprises a reinforcement member mounted in a position such that said reinforcement member has a portion positioned above said upper surface of said panel member.
3. (Previously Presented) A system as claimed in claim 2 wherein said panel member has a pair of opposed, transversely spaced, longitudinally extending side edges, extending between a transversely extending rear edge and a transversely extending front edge and said system comprises a plurality of reinforcement units being generally transversely oriented and longitudinally spaced.
4. (Previously Presented) A system as claimed in claim 1 wherein reinforcement unit has a reinforcement member and wherein said panel member has a side edge and said

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reinforcement member having an extension portion extending beyond said side edge of said panel member, said extension portion being mounted on said at least one said supporting member such that said panel member is suspended from said at least one supporting member.

5. (Previously Presented) A system as claimed in claim 3 wherein each of said plurality of reinforcement units comprises at least one vertical rod secured to said reinforcement member, each said vertical rod also being secured to said panel member with a connector.
6. (Previously Presented) A system as claimed in claim 1 wherein said at least one structural supporting member comprises first and second spaced structural supporting members and said system further comprises a plurality of generally longitudinal, generally transversely oriented reinforcement units, each of said plurality of reinforcement units having a portion mounted on one of said first and second structural supporting members, and a second portion mounted on the other of said first and second structural supporting members, whereby said panel member can be supported by said pair of supporting members with said plurality of reinforcement units.
7. (Previously Presented) A system as claimed in claim 6 wherein said plurality of reinforcement units each comprises a plurality of vertical rods secured to a

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reinforcement member, said vertical rods also being secured to said panel member, said vertical rods passing from said upper surface of said panel member toward lower surface of panel and engaging a connector which assists in supporting said panel member when construction material in said unhardened state is retained above said panel member.

8. (Currently Amended) A system as claimed in claim [[6]] 4 wherein said extension portion of said reinforcement member of said reinforcement unit is a first end extension portion, and said reinforcement member has a second end extension portion opposite to said first end extension portion, one of said first and second end extension portions supported on one of said first and second structural supporting members, and the other of said first and second end extension portions supported on the other of said first and second structural supporting members, and wherein panel member is suspended from and between said first and second structural supporting members, and wherein each of said first and second structural supporting members has an upper portion extending above said upper surface of said panel member so as to be embedded in said construction material when said construction material is in said hardened state.
9. (Canceled).
10. (Canceled).

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11. (Canceled).
12. (Previously Presented) A system as claimed in claim 6 wherein each of said first and second structural supporting members comprises a generally C-shaped channel member each having an upper transverse oriented surface, and wherein said reinforcement member has a first end portion, and a second end portion opposite to said first end portion, said first and second portions each supported in part by a transverse surface of one of said first and second supporting members.
13. (Previously Presented) A system as claimed in claim 12 wherein said first and second end portions of said reinforcement member extend over each of said respective structural supporting members.
14. (Canceled).
15. (Currently Amended) A system as claimed in claim 1 wherein said panel member is made at least in part from a foam plastic having at least one laminated outer surface.
16. (Currently Amended) A system as claimed in claim [[15]] 1 wherein said foam plastic is a foam polystyrene.
17. (Canceled).

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18. (Canceled).

19. (Canceled).

20. (Canceled).

21. (Canceled).

22. (Currently Amended) A system as claimed in claim ~~[[21]]~~ 1 wherein said reinforcement unit comprises a reinforcement member and said system further comprises a bracket member secured to both said plate member and said reinforcement member, said bracket member holding said reinforcement member in spaced relation to said upper surface of said plate member.

23. (Original) A system as claimed in claim 22 wherein said reinforcement member is a first reinforcement member and said reinforcement unit further comprises a second reinforcement member mounted to said panel member above said upper surface in generally parallel relation to said first reinforcement member, said second reinforcement member extending beyond said side surface of said panel member, and wherein said bracket member holds said first and second reinforcement members in spaced relation to said upper surface of said plate member.

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24. (Previously Presented) A system as claimed in claim 5 wherein each of said at least one vertical rods is secured to said reinforcement member at least in part with a connector.
25. (Original) A system as claimed in claim 1 wherein said construction material comprises concrete.
26. (Canceled).
27. (Canceled).
28. (Canceled).
29. (Previously Presented) A system as claimed in claim 1 wherein said portion of said reinforcement unit is supported directly upon a surface of said at least one structural supporting member.
30. (Previously Presented) A system as claimed in claim 4 wherein said extension portion of said reinforcement member is supported directly upon a surface of said at least one structural supporting member.

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31. (Previously Presented) A system as claimed in claim 30 wherein said extension portion of said reinforcement member is supported directly upon an upward facing surface of a transverse web portion of said at least one structural supporting member.
32. (Canceled).
33. (Canceled).
34. (Original) A system as claimed in claim 16 wherein said upper and lower surfaces are laminated with a strength enhancing skin.
35. (Original) A system as claimed in claim 34 wherein said skin is made from polypropylene or polyethylene.
36. (Canceled).
37. (Canceled).
38. (Canceled).
39. (Canceled).

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40. (Canceled).

41. (Canceled).

42. (Canceled).

43. (Canceled).

44. (Canceled).

45. (Canceled).

46. (Canceled).

47. (Canceled).

48. (Canceled).

49. (Canceled).

50. (Canceled).

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51. (Canceled).

52. (Currently Amended) A formwork assembly comprising:

a) a form panel unit comprising:

i. first and second panel members each made from a foam plastic, each adapted for use as a form to retain said construction material when in a unhardened state, each said first and second panel members having generally opposed inner and outer surfaces, and opposed first and second side surfaces, said first and second panel members being arranged in spaced, generally aligned relation with the inner surface of said first panel arranged in face to face relation with the inner surface of said second panel;

ii. at least one reinforcement unit for each of said first and second panel members. each reinforcement unit having at least one reinforcement member integrated with each of said first and second panel members respectively and generally oriented transversely;
said first panel member unit being capable of supporting said construction material when in an unhardened state;

b) a pair of spaced structural supporting members adapted for at least partially supporting said concrete floor or roof made from said construction material;
said form panel unit being configured such that said first panel member can be positioned between said spaced structural supporting members, such that said unhardened construction material can be retained between said first and second panel

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members, on said structural supporting members to permit hardening from said unhardened state to said hardened state of said construction material, said reinforcement member being supported at least in part by said supporting members such that said first panel member and second panel members are supported at least in part by said supporting members.

53. (Canceled).

54. (Canceled).

55. (Currently Amended) A formwork assembly for fabricating a slab from a construction material having both unhardened and hardened states, said assembly comprising:

a) a form panel unit comprising:

i. a panel member made from a foam plastic and having generally opposed upper and lower surfaces, said panel member being adapted to be used as part of a form to retain said construction material above said upper surface when in an unhardened state;

ii. a reinforcement unit having at least one reinforcement member generally oriented transversely, said reinforcement unit being integrated with said panel member to support said panel member at intermediate locations across a span of said panel member;

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said panel member and said reinforcement unit being capable of supporting said construction material above said panel member when in an unhardened state:

b) a pair of supporting members oriented generally longitudinally and adapted for assisting in supporting said form panel unit during fabrication of said slab; said panel member being supported at least in part on said pair of supporting members by said reinforcement member, such that said unhardened construction material can be retained and supported above said panel member during said fabrication.

56. (Previously Presented) An assembly as claimed in claim 55 wherein at least one of said supporting members comprises a longitudinally extending upstanding web having a plurality of apertures positioned such that unhardened construction material will flow into said apertures to provide an anchor for said at least one supporting member.

57. (Canceled).

58. (Canceled).

59. (Canceled).

60. (Canceled).

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61. (Canceled).

62. (Canceled).

63. (Canceled).

64. (Canceled).

65. (Canceled).

66. (Canceled).

67. (Canceled).

68. (Canceled).

69. (Currently Amended) A ~~panel-unit~~ system as claimed in claim 72 wherein said at least one supporting member comprises a structural elongated support member for use in supporting said panel unit, said support member having an upstanding web having an

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upper elongated web portion, said upper web portion having a plurality of spaced apertures disposed along said elongated upper web portion.

70. (Canceled)

71. (Canceled).

72. (Previously Presented) A system as claimed in claim 2 wherein said portion positioned above said upper surface of said panel member is spaced apart from said upper surface of said panel member to reinforce said floor or roof when said construction material in a hardened state.

73. (Currently Amended) A system as claimed in claim 1 wherein said reinforcement unit comprises first and second members and panel member is compressed between said first and second members.

74. (Currently Amended) A system as claimed in claim 3 wherein each of said plurality of reinforcement units comprises first and second members and panel member is compressed between each of said first and second members.

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75. (Currently Amended) A formwork system for fabricating a floor or roof from a construction material having both unhardened and hardened states, said system comprising:

a) a form panel unit comprising:

i. a panel member made from a foam plastic and adapted for use as part of a form, to retain above, and support a load associated with, said construction material when in an unhardened state, said panel member having generally opposed upper and lower surfaces;

ii. at least one reinforcement unit having at least one member for strengthening said panel member, said at least one member being oriented generally in a first direction;

said panel member and said at least one reinforcement unit being capable of supporting said construction material above said panel member when in an unhardened state;

b) at least one structural supporting member oriented in a second direction that is generally perpendicular to said first direction;

said form panel unit being configured such that said panel member can be supported at least partially by said at least structural supporting member, such that said unhardened construction material can be retained and supported above upper surface of said panel member to permit hardening of said construction material from said unhardened state to said hardened state, wherein at least a part of said load associated with said panel member is transferred to said reinforcement member and wherein the reinforcement member in

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turns transfers at least part of the load to said at least one supporting member, such that said panel member is at least in part supported by said at least one structural supporting member.

76. (Previously Presented) A system as claimed in claim 75 wherein said strengthening member is mounted in a position such that said strengthening member has a portion positioned above said upper surface of said panel member.

77. (Previously Presented) A system as claimed in claim 75 wherein said strengthening member is positioned and spaced from said upper surface of said panel member such that said strengthening member reinforces said floor or roof when said construction material is in said hardened state.

78. (Previously Presented) A system as claimed in claim 75 wherein said system comprises a plurality of reinforcement units each being generally transversely oriented and longitudinally spaced from each other and said plurality of reinforcement units being supported at least in part by said at least one structural supporting member such that said panel member is at least in part supported by said at least one structural supporting member.

79. (Previously Presented) A system as claimed in claim 76 wherein at least one structural supporting member comprises first and second structural support members both oriented

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generally in said second direction that is generally orthogonal to said first direction, and both said first and second structural supporting members being adapted for assisting in supporting said form panel unit when fabricating said floor or roof from said construction material in said unhardened state and wherein each of said plurality of reinforcement members is supported at least in part by both of said first and second structural supporting members such that said panel member is at least in part supported by said first and second structural supporting members.

80. (Previously Presented) A system as claimed in claim 76 wherein said panel member is made at least in part from a foam plastic.
81. (Previously Presented) A system as claimed in claim 80 wherein said foam plastic is a foamed polystyrene.
82. (Previously Presented) A system as claimed in claim 80 wherein said upper and lower surfaces are laminated with a strength enhancing skin.
83. (Previously Presented) A system as claimed in claim 82 wherein said skin is made from polypropylene or polyethylene.
84. (Canceled).

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85. (Canceled).
86. (Canceled).
87. (Canceled).
88. (Canceled).
89. (Canceled).
90. (Canceled).
91. (Currently Amended) A formwork assembly for fabricating a composite floor or roof from a construction material, said construction material having both hardened and unhardened states, said assembly comprising:
- a) a panel unit comprising:
- i. a panel member made from a foam plastic;
 - ii. at least one panel reinforcement unit having at least one transversely oriented panel support member integrated with said panel member for reinforcing said panel member at one or more locations across a span of said panel member;

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said panel member and said at least one reinforcement unit being capable of supporting said construction material above said panel member when in an unhardened state;

b) at least one structural support member adapted to support at least in part said panel unit during said fabrication of said floor or roof when said construction material is in an unhardened state;

said panel member and said unhardened construction material being supported at least in part by said transversely oriented panel support member, said transversely oriented panel support member being supported at least in part on said at least one structural supporting member, said construction material enveloping at least an upper portion of said at least one structural supporting member when said construction material is in said hardened state.

92. (Previously Presented) An assembly as claimed in claim 91 wherein said panel support member is also adapted to reinforce the concrete floor or roof and being enveloped by said construction material when said construction material is in said hardened state.

93. (Previously Presented) A system as claimed in claim 7 further comprising a spacer member positioned above said upper surface of said panel member, whereby said panel member is compressed between each said connector and said spacer member.

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94. (Previously Presented) An assembly as claimed in claim 55 wherein said reinforcement member is also positioned to be enveloped by said construction material when said construction material is in said hardened state.

95. (Canceled).

96. (Canceled).

97. (Canceled).

98. (Canceled).

99. (Currently Amended) A formwork system for constructing a ribbed composite floor or roof comprising a one-way slab fabricated from a construction material having both unhardened and hardened states, and said floor or roof having a plurality of rib members, said system comprising:

a) a form panel unit comprising:

i. a panel member made from a foam plastic and being adapted for use as part of a form to retain said construction material when in an unhardened state, said panel member having generally opposed upper and lower surfaces, said upper surface providing in part the profile of said slab;

ii. at least one reinforcement unit having at least one transversely oriented

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reinforcement member for reinforcing said panel member and interconnected to said panel member; said reinforcement member is adapted for supporting said form panel unit;

said panel member and said at least one reinforcement unit being capable of supporting said construction material above said panel member when in an unhardened state;

b) at least one rib member and oriented generally longitudinally configured to reinforce said slab of said composite floor or roof made with said construction material in said hardened state, and to assist in supporting said form panel unit when fabricating slab of said composite floor or roof with said construction material in said unhardened state;

said form panel unit being configured such that said panel member can be supported at least partially by said at least one rib member; such that said unhardened construction material can be retained above upper surface of said panel member to permit hardening of said construction material from said unhardened state to said hardened state, said reinforcement member oriented generally transversely to said at least one structural supporting member and having a portion being mounted on said at least one rib member such that said panel member is at least in part supported by said at least one rib member.

100. (Previously Presented) A system as claimed in claim 99 wherein said at least one transversely oriented reinforcement member supports said form panel unit by suspending said panel member from said at least one rib member.

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101. (Withdrawn) A system as claimed in claim 100 wherein said at least rib member has a pair of joined, upstanding webs configured in a generally U-shaped configuration, each upstanding web having an upper elongated web portion, said upper web portions having a plurality of spaced apertures disposed along said elongated upper web portion, and being positioned so that hardened construction material will be received through said apertures to anchor said at least one structural supporting member is said construction material.
102. (Previously Presented) A system as claimed in claim 99 wherein said upper surface of said panel member has at least one longitudinally oriented downwardly extending portion.
103. (Withdrawn) A system as claimed in claim 1 wherein said at least one structural supporting member has a pair of joined, upstanding webs configured in a generally U-shaped configuration, each upstanding web having an upper elongated web portion, said upper web portions having a plurality of spaced apertures disposed along said elongated upper web portion, and being positioned so that hardened construction material will be received through said apertures to anchor said at least one structural supporting member is said construction material.

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104. (Currently Amended) An assembly as claimed in claim [[55]] 91 wherein said panel member is made ~~at least in part~~ from a foam plastic having at least one or said upper or lower surfaces laminated with a strength enhancing skin.
105. (Currently Amended) ~~An system~~ assembly as claimed in claim 104 wherein said foam plastic is a foam polystyrene.
106. (Previously Presented) An assembly as claimed in claim 91 wherein said panel member is made at least in part from a foam plastic.
107. (Currently Amended) ~~An system~~ assembly as claimed in claim 106 wherein said foam plastic is a foam polystyrene.
108. (Canceled).
109. (Canceled).
110. (Canceled).
111. (Canceled).
112. (Canceled).

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113. (Canceled).
114. (Withdrawn - Currently Amended) ~~A system~~ An assembly as claimed in claim 91 wherein said at least at least one structural support member has a pair of webs configured in a generally U-shaped configuration, each web having an upper elongated web portion, said upper web portions having a plurality of spaced apertures disposed along said elongated upper web portion, and being positioned so that construction material will be received through said apertures to anchor said at least one structural supporting member is said construction material.
115. (Currently Amended) ~~A system~~ An assembly as claimed in claim 91 wherein said at least at least one structural support member has an elongated web having a plurality of spaced apertures disposed along said web, and said web being positioned so that construction material may be received through said apertures to anchor said at least one structural supporting member is said construction material.
116. (Canceled).
117. (Canceled).

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118. (Currently Amended) A formwork assembly for fabricating a slab from a construction material having both unhardened and hardened states, said assembly comprising:

a) a form panel unit comprising:

i. a panel member made from a foam plastic and having an upper surface, said panel member being adapted to be used as part of a form to retain said construction material above said upper surface when in an unhardened state;

ii. a reinforcement unit having at least one reinforcement member, said reinforcement unit being-associated integrated with said panel member to support said panel member;

said panel member and said at least one reinforcement unit being capable of supporting said construction material above said panel member when in an unhardened state;

b) at least one supporting member oriented generally longitudinally and adapted for assisting in supporting said form panel unit during fabrication of said slab;
wherein at least part of the load resulting from unhardened construction material on said panel member is distributed from said panel member, transversely to said at least one supporting member by said at least one reinforcement member, such that said unhardened construction material can be retained above said panel member during said fabrication.

119. (Canceled).

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120. (Canceled).
121. (Canceled).
122. (Currently Amended) A ~~form-panel-unit~~ formwork assembly as claimed in claim 55,
wherein said reinforcement unit comprises a rebar member.
123. (New) A system as claimed in claim 15 wherein said laminated outer surface is
arranged to contact said construction material.
124. (New) A system as claimed in claim 15 wherein said panel member has both an upper
laminated surface and a lower laminated surface.
125. (New) A system as claimed in claim 15 wherein said laminated surface is a
polypropylene laminated surface.
126. (New) A system as claimed in claim 15 wherein said laminated surface is a
polyethylene laminated surface.

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127. (New) A formwork assembly for fabricating a slab from a construction material having both unhardened and hardened states, said assembly comprising:
- a) a form panel unit comprising:
- i. a panel member having a longitudinal span extending between first and second longitudinal ends, a transverse span and an upper surface, said panel member being adapted to be used as part of a form to retain said construction material above said upper surface when in an unhardened state;
- ii. a reinforcement unit having at least one reinforcement component, said reinforcement component being integrated with said panel member to support said panel member transversely across said transverse span intermediate said longitudinal ends of said panel member;
- said panel member and said at least one reinforcement unit being capable of supporting said construction material above said panel member when in an unhardened state;
- b) at least one supporting member oriented generally longitudinally and adapted for assisting in supporting said form panel unit during fabrication of said slab;
- wherein at least part of the load resulting from unhardened construction material on said panel member is distributed from said panel member, transversely to said at least one supporting member by said at least one reinforcement component, such that said unhardened construction material can be retained above said panel member during said fabrication.

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128. (New) A formwork system for use in fabricating a slab from a construction material having both unhardened and hardened states, said form work system comprising
- (a) panel unit comprising:
- i. a panel member made from a foam plastic material and having upper and lower surfaces, said upper surface having a shape, said panel member being adapted to be used as part of a form to retain said construction material above said upper surface in an unhardened state, the shape of said upper surface of said panel member defining at least in part the shape of said slab when said construction material in said hardened shape;
- ii. at least one, generally transversely oriented reinforcement unit, each reinforcement unit for reinforcing said panel member and having at least one panel support member having a portion for engagement with a structural supporting member oriented generally transverse to said panel support member;
- said panel member and said at least one reinforcement unit being capable of supporting said construction material above said panel member when in an unhardened state;
- (b) a structural supporting member;
- said panel unit being supported at least in part on said structural supporting member by said panel support member oriented generally transversely to said structural supporting member, such that said unhardened construction material can be retained above and be supported at least in part by said panel member.

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129. (New) A formwork system as claimed in claim 128 wherein said reinforcement units each comprise at least one connecting member that passes from said upper surface of said panel member toward said lower surface of said panel member and engages a connector which assists in supporting said panel member when unhardened construction material is retained above said panel member, said at least one connecting member being interconnected to said at least one panel member.
130. (New) A formwork system as claimed in claim 129 further comprising an upper compression member positioned above said upper surface of said panel member, whereby said panel member is compressed between each said connector and said upper compression member.
131. (New) A formwork system as claimed in claim 128 wherein said foam plastic is a foam polystyrene.
132. (New) A formwork system as claimed in claim 128 wherein said upper and lower surfaces are laminated with a strength enhancing skin.
133. (New) A formwork system as claimed in claim 132 wherein said skin is made from polypropylene or polyethylene.

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134. (New) A formwork system for use in fabricating a structural ribbed reinforced floor from a construction material having both unhardened and hardened states, said formwork system comprising:

(a) a form panel unit comprising:

i. a panel member having an upper surface, said panel member being adapted to be used as part of a form to retain said construction material in an unhardened state, said panel member having a longitudinally oriented depression in said upper surface;

ii. at least one transversely oriented reinforcement unit for reinforcing said panel member and having at least one panel support member having a portion for engagement with a structural supporting member oriented generally transverse to said support member and oriented generally transverse to the general orientation of said depression of said upper surface of said panel member;

(b) a structural supporting member;

said panel unit being configured such that said panel member may be supported on at least one structural supporting member by said at least one panel support member, such that said unhardened construction material can be retained above said upper surface and be supported at least in part by said panel member.

135. (New) A formwork system as claimed in claim 134 wherein said depression is a generally downwardly angled portion is located at a longitudinal side edge of said upper surface.

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136. (New) A system as claimed in claim 136 wherein said downwardly angled portion is oriented generally orthogonal to said generally transversely oriented reinforcement units.
137. (New) A formwork system for use in fabricating a structural slab from a construction material having both unhardened and hardened states, the configuration of a lower surface of said slab having substantially the same shape as an upper surface of a panel member, said system comprising:
- (a) form panel unit comprising:
 - i. a panel member generally having an upper and lower surface, said panel member being adapted to be used as part of a form to retain said construction material above said upper surface in an unhardened state;
 - ii. at least one reinforcement unit integrated with said panel member for reinforcing said panel member, said reinforcement unit having a generally transversely oriented reinforcement portion and a support portion interconnected to said reinforcement portion, said support portion having an exposed surface portion for supporting said panel member;
 - (b) at least one structural supporting member;
- said panel unit being configured such that said panel member may be supported at least in part by said support portion and said reinforcement portion, by support on at least one structural supporting member, such that said unhardened construction material can be retained above and be supported at least in part by said panel member.

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138. (New) A formwork system as claimed in claim 137 wherein support portion comprises a connecting member at least partly positioned within the panel member between the upper and lower surfaces of said panel member, said support portion also comprising a connector having a cap portion providing said exposed surface which assists in supporting said panel member at said lower surface of said panel member.
139. (New) A formwork system as claimed in claim 138 wherein said reinforcement portion is at least in part, positioned above said upper surface of said panel member and interconnected to said connecting member.
140. (New) A formwork system as claimed in claim 138 wherein said panel member is held in compression between said upper member and said connector.
141. (New) A formwork system as claimed in claim 137 wherein said panel member has a longitudinally extending and downwardly oriented portion in said upper surface.